

## ABSTRACT OF THE DISCLOUSER

The present invention relates to a method of enlarging a travel of piezoelectric sensor and a MEMS switch employing the enlarged travel of piezoelectric sensor. The MEMS switch provided with an enlarging means employing the leverage theory. In accordance with the present invention, there is provided a MEMS switch capable of using a relatively low voltage less than 5V, lowering a power consumption, isolation and insertion loss, and applying to wide range of wireless communication such as PCS, wireless LAN etc.